

PTO/SB/21 (08-03)  
Approved for use through 08/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/667,006
	Filing Date	September 19, 2003
	First Named Inventor	Michael E. Mack
	Art Unit	1753
	Examiner Name	TBD
Total Number of Pages in This Submission	Attorney Docket Number	11460-127

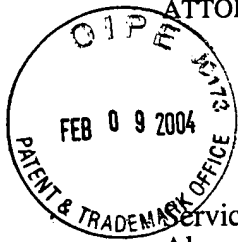
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Suppl. IDS Letter; Form PTO-1449 with copy of non-U.S. patent reference (1); return postcard.
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<b>Remarks</b>	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	John A. Hamilton, Reg. No. 48,946
Signature	
Date	February 6, 2004

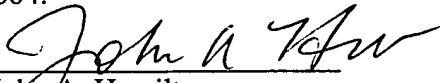
CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	John A. Hamilton		
Signature		Date	February 6, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 6, 2004.

  
John A. Hamilton  
Reg. No. 48,946

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Michael E. Mack  
Serial Number: 10/667,006  
Filed: September 19, 2003  
For: SYSTEM FOR AND METHOD OF GAS CLUSTER ION BEAM PROCESSING

Examiner: TBD  
Group Art Unit: 1753

PERKINS SMITH & COHEN LLP  
One Beacon Street  
Boston, MA 02108  
(617) 854-4000

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

This Information Disclosure Statement (Form PTO-1449) (including copy of non-U.S. patent reference) is submitted under 37 CFR 1.97(b)(3).

**REMARKS**

Applicant submits herewith an Information Disclosure Statement under 37 CFR 1.97(b)(3) before the mailing of a first office action on the merits. In view thereof, no fee is required. However, in the event fees are required, please charge any underpayment of fees to or credit any overpayment of fees to Deposit Account No. 03-2410, Order No. 11460-127.

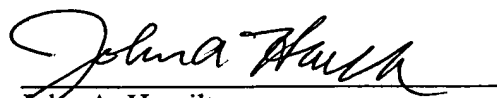
The following information is presented in the event that a call may be deemed desirable by the Examiner:

JOHN A. HAMILTON (617) 854-4000.

Respectfully submitted,  
Michael E. Mack, Applicant

Dated: February 6, 2004

By:

  
John A. Hamilton  
Reg. No. 48,946  
Attorney for Applicant



**FORM PTO-1449**  
**U.S. DEPARTMENT OF COMMERCE**  
**PATENT AND TRADEMARK OFFICE**

ATTORNEY DOCKET NO.: 11460-127

APPLICATION SERIAL NO.: 10/667,006

GROUP ART UNIT: 1753

APPLICANT: Michael E. Mack

EXAMINER: TBD

FILING DATE: September 19, 2003

CONFIRMATION NO.: 9136

PRIORITY DATE: September 23, 2002

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB- CLASS	FILING DATE IF APPROPRIATE
	4,361,762	11/30/82	Douglas	250/251	
	4,916,311	04/10/90	Fuzishita et al.	250/251	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB- CLASS	TRANSLATION YES NO
	JP2000065942	03/03/00	Nissin Electric Co. Ltd.	G01T 1/29	No

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, etc.)


**EXAMINER****DATE CONSIDERED**